

Claims

What is claimed is:

1. A combined systems user interface (CUI) (242) providing centralized  
2 monitoring of a screening checkpoint system (10), said CUI comprising:  
a baggage screening status region adapted to display screening information  
4 generated by an explosives screening system (30) and a baggage imaging system (35)  
configured within a baggage screening zone (15);  
6 a passenger screening status region adapted to display screening information  
generated by an explosives detection portal (40) and a metal detection portal (50)  
8 configured within a passenger screening zone (20); and  
a secondary screening status region adapted to display screening information  
10 generated by a body scanning system (55) and an enhanced explosives screening system  
(60) configured within a secondary screening zone (25).
2. The interface according to claim 1, wherein said baggage screening status  
2 region is further adapted to display images of baggage screened by said baggage imaging  
system.
3. The interface according to claim 1, wherein said baggage screening status  
2 region is further adapted to display screening information generated by a nuclear detection  
system (405) adapted to detect threshold levels of radioactive materials present in  
4 screened baggage, wherein said nuclear detection system is configured within said  
baggage screening zone.

4. The interface according to claim 1, wherein said passenger screening status  
2 region is further adapted to display screening information generated by a nuclear detection  
system (410) adapted to detect threshold levels of radioactive materials present on a  
4 passenger, wherein said nuclear detection system is configured within said passenger  
screening zone.

5. The interface according to claim 1, wherein said passenger screening status  
2 region is further adapted to display screening information generated by a self-divestment  
portal (45) configured within said passenger screening zone.

6. The interface according to claim 5, wherein said passenger screening status  
2 region is further adapted to display images of an individual passenger and a location of  
metallic items detected on said individual passenger, wherein said images are generated  
4 by a camera working in cooperation with said self-divestment portal.

7. The interface according to claim 1, wherein said secondary screening status  
2 region is further adapted to display images of an individual passenger and a location of  
any threat objects detected on said individual passenger, wherein said images are  
4 generated by said body scanning system.

8. The interface according to claim 1, wherein said secondary screening status  
2 region is further adapted to display screening information generated by a sealed-bottle  
scanning system (65) configured within said secondary screening zone.

9. The interface according to claim 1, and further comprising:  
2 screening system control capabilities providing an ability to modify screening  
sensitivity levels of at least one screening system of said baggage, passenger, and  
4 secondary screening zones.

10. The interface according to claim 9, wherein said screening sensitivity  
2 levels can be automatically modified in response to threat level data provided by a  
passenger threat level identification system (244) working in cooperation with said  
4 interface.

11. The interface according to claim 1, said interface further comprising:  
2 an entry gate control providing an ability to moderate passenger flow into said  
screening checkpoint system.

12. The interface according to claim 1, said interface further comprising:  
2 an exit gate control providing an ability to moderate passenger flow into a secured  
area protected by said screening checkpoint system.

13. The interface according to claim 1, said interface further comprising:  
2 a threat assessment region adapted to display a threat level of an identified  
passenger screened by said screening checkpoint system, wherein said threat level is  
4 based upon data provided by a passenger threat level identification system (244).

14. The interface according to claim 1, said interface further comprising:  
2 a threat assessment region adapted to display a threat level of an identified  
passenger screened by said screening checkpoint system, wherein said threat level is  
4 based upon screening results generated by individual screening systems of said baggage,  
passenger, and secondary screening zones.

15. The interface according to claim 1, said interface further comprising:  
2 a passenger information region adapted to display passenger data, wherein said  
passenger data is provided by a passenger ID station (27) configured with said screening  
4 checkpoint system.

16. The interface according to claim 1, wherein each of said baggage,  
2 passenger, and secondary screening status regions are represented on a single display  
device.

17. The interface according to claim 1, wherein each of said baggage,  
2 passenger, and secondary screening status regions are represented on individual display  
devices.

18. The interface according to claim 1, wherein said interface is remotely  
2 located relative to individual screening systems of said baggage, passenger, and secondary  
screening zones.

19. A method for providing centralized monitoring of a screening checkpoint  
2 system (10), said method comprising:  
providing a combined systems user interface (CUI) (242) comprising baggage,  
4 passenger, and secondary screening status regions;  
displaying baggage screening information in said baggage screening status region,  
6 wherein said baggage screening information is generated by an explosives screening  
system (30) and a baggage imaging system (35) configured within a baggage screening  
8 zone (15);  
displaying passenger screening information in said passenger screening status  
10 region, wherein said passenger screening information is generated by an explosives  
detection portal (40) and a metal detection portal (50) configured within a passenger  
12 screening zone (20); and  
displaying secondary screening information in said secondary screening status  
14 region, wherein said secondary screening information is generated by a body scanning  
system (55) and an enhanced explosives screening system (60) configured within a  
16 secondary screening zone (25).

20. The method according to claim 19, said method further comprising:  
2 displaying images of baggage screened by said baggage imaging system in said  
baggage screening status region.

21. The method according to claim 19, said method further comprising:
- 2 displaying screening information generated by a nuclear detection system (405)
- 4 adapted to detect threshold levels of radioactive materials present in screened baggage,
- wherein said screening information generated by said nuclear detection system is displayed in said baggage screening status region.
22. The method according to claim 19, said method further comprising:
- 2 displaying screening information generated by a nuclear detection system (410)
- 4 adapted to detect threshold levels of radioactive materials present on a passenger, wherein said screening information generated by said nuclear detection system is displayed in said passenger screening status region.
23. The method according to claim 19, said method further comprising:
- 2 displaying screening information generated by a self-divestment portal (45) in said passenger screening status region, wherein said self-divestment portal is configured
- 4 within said passenger screening zone.
24. The method according to claim 23, said method further comprising:
- 2 displaying images of an individual passenger and a location of metallic items detected on said individual passenger in said passenger screening status region, wherein
- 4 said images are generated by a camera working in cooperation with said self-divestment portal.

25. The method according to claim 19, said method further comprising:  
2 displaying images of an individual passenger and a location of any threat objects  
detected on said individual passenger in said secondary screening status region, wherein  
4 said images are generated by said body scanning system.

26. The method according to claim 19, said method further comprising:  
2 displaying screening information generated by a sealed-bottle scanning system  
(65) in a secondary screening status region, wherein said sealed-bottle scanning system is  
4 configured within said secondary screening zone.

27. The method according to claim 19, said method further comprising:  
2 providing screening system control capabilities at said combined systems user  
interface (CUI), wherein said screening system control capabilities provide an ability to  
4 modify screening sensitivity levels of at least one screening system of said baggage,  
passenger, and secondary screening zones.

28. The method according to claim 27, wherein said screening sensitivity  
2 levels can be manually modified by a human operator.

29. The method according to claim 27, wherein said screening sensitivity  
2 levels can be automatically modified in response to threat level data provided by a  
passenger threat level identification system (244) working in cooperation with said  
4 combined systems user interface (CUI).

30. The method according to claim 19, said method further comprising:  
2 controlling an entry gate (245) to moderate passenger flow into said screening  
checkpoint system.

31. The method according to claim 19, said method further comprising:  
2 controlling an exit gate (90) to moderate passenger flow into a secured area  
protected by said screening checkpoint system.

32. The method according to claim 19, wherein said combined systems user  
2 interface (CUI) further comprises:  
a threat assessment region adapted to display a threat level of an identified  
4 passenger screened by said screening checkpoint system, wherein said threat level is  
based upon data provided by a passenger threat level identification system (244).

33. The method according to claim 19, wherein said combined systems user  
2 interface (CUI) further comprises:  
a threat assessment region adapted to display a threat level of an identified  
4 passenger screened by said screening checkpoint system, wherein said threat level is  
based upon screening results generated by individual screening systems of said baggage,  
6 passenger, and secondary screening zones.



34. The method according to claim 19, wherein said combined systems user  
2 interface (CUI) further comprises:  
a passenger information region adapted to display passenger data, wherein said  
4 passenger data is provided by a passenger ID station (27) configured with said screening  
checkpoint system.

35. A combined systems user interface (CUI) (242) providing centralized  
2 monitoring of a screening checkpoint system (10), said CUI comprising:  
a baggage screening status region adapted to display screening information  
4 generated by an explosives screening system (30) and a baggage imaging system (35)  
configured within a baggage screening zone (15); and  
6 a passenger screening status region adapted to display screening information  
generated by an explosives detection portal (40) and a metal detection portal (50)  
8 configured within a passenger screening zone (20).

36. The interface according to claim 35, said interface further comprising:  
2 a secondary screening status region adapted to display screening information  
generated by an enhanced explosives screening system (60) configured within a secondary  
4 screening zone (25).

37. The interface according to claim 35, said interface further comprising:  
2 screening system control capabilities providing an ability to modify screening  
sensitivity levels of at least one screening system of said baggage and passenger screening  
4 zones.

38. The interface according to claim 37, wherein said screening sensitivity  
2 levels can be manually modified by a human operator.

39. The interface according to claim 37, wherein said screening sensitivity  
2 levels can be automatically modified in response to threat level data provided by a  
passenger threat level identification system working in cooperation with said interface.

40. A method for providing centralized monitoring of a screening checkpoint  
2 system (10), said method comprising:  
providing a combined systems user interface (CUI) (242) comprising baggage and  
4 passenger screening status regions;  
displaying baggage screening information in said baggage screening status region,  
6 wherein said baggage screening information is generated by an explosives screening  
system (30) and a baggage imaging system (35) configured within a baggage screening  
8 zone (15); and  
displaying passenger screening information in said passenger screening status  
10 region, wherein said passenger screening information is generated by an explosives  
detection portal (40) and a metal detection portal (50) configured within a passenger  
12 screening zone (20).

41. The method according to claim 40, said combined systems user interface  
2 (CUI) further comprising:  
a secondary screening status region adapted to display screening information  
4 generated by an enhanced explosives screening system (60) configured within a secondary  
screening zone (25).

42. The method according to claim 40, said combined systems user interface
- 2 (CUI) further comprising:
- screening system control capabilities providing an ability to modify screening
- 4 sensitivity levels of at least one screening system of said baggage and passenger screening
- zones.